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(54) MOBILE COMMUNICATION SYSTEM

assignment message to the station 101a.

(57) Abstract:

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PURPOSE: To perform communication in response to the optimum transmission speed capacity of a mobile communication system by setting a compression rate based on the comparison/analysis result obtained through the comparison carried out between the transmission speed requested by a mobile station and the highest transmission speed.

CONSTITUTION: A mobile station 101a designates its necessary transmission capacity for each LCH type of a link channel fixing request message and sends the capacity to a base station 100a. A radio communication part 105 of the station 100a starts a comparison part 104 via a control part 103. The part 104 compares the transmission speed requested by the station 101a with the highest transmission speed and analyzes this comparison result to decide a corresponding compression rate. This decided rate is sent to the part 103. The part 103 selects an idle carrier frequency, controls a frequency synthesizer part 106 and also sends the compression rate parameter to a coding circuit part 107. Furthermore the part 103 sends a link channel

